



PATENT

2634  
AP

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of: Seung Chan BANG, et al.

Serial No.: 09/767,953

Group Art Unit: 2634

Filed: March 27, 2001

Examiner: Ghayour, Mohammad H.

For: ORTHOGONAL COMPLEX SPREADING METHOD FOR MULTICHANNEL AND APPARATUS THEREOF.

\* \* \* \* \*

TRANSMITTAL

RECEIVED

May 20, 2002

Assistant Commissioner of Patents  
Washington, D.C. 20231

MAY 23 2002

Technology Center 2600

Sir:

Transmitted herewith is an Amendment and a Terminal Disclaimer.

The fee has been calculated as shown below:

Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra	Small Entity Fee	Other Than A Small Entity Fee
Total 57	- 57 =	0	x 09 = \$	x 18 = \$
Indep. 04	- 04=	0	x 39 = \$	x 78 = \$
	First Presentation of Multiple Dependent Claims	+130 = \$	+ 260 = \$	
Total Additional Fee		\$		\$

XXXX A check in the amount of \$55.00 is attached for filing of a Terminal Disclaimer.

XXXX If a Petition for Extension of Time is necessary and the Petition and/or the check is not enclosed, this will act as the Petition and applicant herewith petitions the Commissioner to extend the time for response and charge any fees necessary under 37 CFR 1.17 (a)(1)-(5) to Deposit Account No. 06-1358. The Commissioner is also authorized to charge payment of any other additional fees associated with this communication or credit any overpayment to Deposit Account No. 06-1358. A duplicate copy of this sheet is attached.

Respectfully submitted,

JACOBSON, PRICE, HOLMAN &amp; STERN, PLLC

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Atty. Docket: P63083US1  
YSH:dj



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Amend B  
5-24402  
PATENT

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\* \* \* \* \*

AMENDMENT RECEIVED

Honorable Commissioner for Patents  
Washington, D.C. 20231

MAY 23 2002

May 17, 2002

Technology Center 2600

Sir:

Responsive to the Office Action mailed March 14, 2002 (Paper No. 1), kindly enter the following amendments and remarks.

IN THE CLAIMS:

Please amend claims 58 and 59 to read as follows:

~~18~~<sup>58</sup>. (Amended) The apparatus of claim ~~57~~<sup>17</sup>, wherein said orthogonal code sequence includes a Hadamard code sequence.

~~19~~<sup>59</sup>. (Amended) The apparatus of claim ~~57~~<sup>17</sup>, wherein said orthogonal code sequence includes a Walsh code.

REMARKS

Reconsideration and allowance in view of the foregoing amendments and the following remarks are respectfully requested.